FORM PTO-1449 (Modified) Approved for use through 10/31/2002	US DEPARTMENT OF COMMERCE US Patent and Trademark Office	Docket No. 50623.342	Application No. 10/682,278
INFORMATION DISCLOSURE CITATION in an Application (Use several sheets if necessary)		Applicant Syed F.A. Hossainy	
		Filing Date October 8, 2003	Group Art Unit 3738

APR 0 2 2004 JC48 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date If Appropriate
KS	A1	4,329,383	5/11/82	Joh	428	36	
	A2	4,733,665	3/29/88	Palmaz	128	343	
	A3	4,800,882	1/31/89	Gianturco	128	343	
	A4	4,882,168	11/21/89	Casey et al.	424	468	
	A5	4,886,062	12/12/89	Wiktor	128	343	
	A6	4,941,870	7/17/90	Okada et al.	600	36	
	A7	4,977,901	12/18/90	Ofstead	128	772	
	A8	5,112,457	5/12/92	Marchant	204	165	
	A9	5,165,919	11/24/92	Sasaki et al.	424	488	
	A10	5,272,012	12/21/93	Opolski	428	423.1	
	A11	5,292,516	3/8/94	Viegas et al.	424	423	
	A12	5,298,260	3/29/94	Viegas et al.	424	486	
	A13	5,300,295	4/5/94	Viegas et al.	424	427	
	A14	5,306,501	4/26/94	Viegas et al.	424	423	
	A15	5,328,471	7/12/94	Slepian	604	101	
	A16	5,330,768	7/19/94	Park et al.	424	501	
	A17	5,380,299	1/10/95	Fearnot et al.	604	265	
	A18	5,417,981	5/23/95	Endo et al.	424	486	
	A19	5,447,724	9/5/95	Helmus et al.	424	426	
	A20	5,455,040	10/3/95	Marchant	424	426	
	A21	5,462,990	10/31/95	Hubbell et al.	525	54.1	
	A22	5,464,650	11/7/95	Berg et al.	427	2.30	
	A23	5,569,463	10/29/96	Helmus et al.	424	426	
	A24	5,578,073	11/26/96	Haimovich et al.	623	1	
	A25	5,605,696	2/25/97	Eury et al.	424	423	
KS	A26	5,609,629	3/11/97	Fearnot et al.	623	1	

KS	A27	5,624,411	4/29/97	Tuch	604	265	
	A28	5,628,730	5/13/97	Shapland et al.	604	21	
	A29	5,649,977	7/22/97	Campbell	623	1	
	A30	5,658,995	8/19/97	Kohn et al.	525	432	
	A31	5,667,767	9/16/97	Greff et al.	424	9.411	
	A32	5,670,558	9/23/97	Onishi et al.	523	112	
	A33	5,679,400	10/21/97	Tuch	427	2.14	
	A34	5,695,857	12/9/97	Burrell et al.	428	209	
	A35	5,700,286	12/23/97	Tartaglia et al.	623	1	
	A36	5,702,754	12/30/97	Zhong	427	2.12	
	A37	5,716,981	2/10/98	Hunter et al.	514	449	
	A38	5,735,897	4/7/98	Buirge	623	12	
	A39	5,746,998	5/5/98	Torchilin et al.	424	9.4	
	A40	5,776,184	7/7/98	Tuch	623	1	
	A41	5,788,979	8/4/98	Alt et al.	424	426	
	A42	5,800,392	9/1/98	Racchini	604	96	
	A43	5,820,917	10/13/98	Tuch	427	2.1	
	A44	5,824,048	10/20/98	Tuch	623	1	
	A45	5,824,049	10/20/98	Ragheb et al.	623	1	
	A46	5,830,178	11/3/98	Jones et al.	604	49	
	A47	5,837,008	11/17/98	Berg et al.	623	1	
	A48	5,837,313	11/17/98	Ding et al.	427	2.21	
	A49	5,851,508	12/22/98	Greff et al.	424	9.411	
	A50	5,858,746	1/12/99	Hubbell et al.	435	177	
	A51	5,865,814	2/2/99	Tuch	604	265	
	A52	5,869,127	2/9/99	Zhong	427	2.12	
	A53	5,873,904	2/23/99	Ragheb et al.	623	1	
	A54	5,876,433	3/2/99	Lunn	623	1	
	A55	5,877,224	3/2/99	Brocchini et al.	514	772.2	
	A56	5,895,407	4/20/99	Jayaraman	606	198	
	A57	5,897,911	4/27/99	Loeffler	427	2.25	
KS	A58	5,925,720	7/20/99	Kataoka et al.	525	523	

KS	A59	5,955,509	9/21/99	Webber et al.	514	772.7	
	A60	5,971,954	10/26/99	Conway et al.	604	96	
	A61	5,980,928	11/9/99	Terry	424	427	
	A62	5,980,972	11/9/99	Ding	427	2.24	
	A63	5,997,517	12/7/99	Whitbourne	604	265	
	A64	6,010,530	1/4/00	Goicoechea	623	1	
	A65	6,015,541	1/18/00	Greff et al.	424	1.25	
	A66	6,033,582	3/7/00	Lee et al.	216	37	
	A67	6,042,875	3/28/00	Ding et al.	427	2.24	
	A68	6,051,648	4/18/00	Rhee et al.	525	54.1	
	A69	6,051,576	4/18/00	Ashton et al.	514	255	
	A70	6,056,993	5/2/00	Leidner et al.	427	2.25	4/17/98
	A71	6,060,451	5/9/00	DiMaio et al.	514	13	3/20/95
	A72	6,060,518	5/9/00	Kabanov et al.	514	781	8/16/96
	A73	6,080,488	6/27/00	Hostettler et al.	428	423.3	3/24/98
	A74	6,096,070	8/1/00	Ragheb et al.	623	1	5/16/96
	A75	6,099,562	8/8/00	Ding et al.	623	1.46	12/22/97
	A76	6,106,889	8/22/00	Beavers et al.	427	2.1	6/11/98
	A77	6,110,188	8/29/00	Narciso, Jr.	606	153	3/9/98
	A78	6,110,483	8/29/00	Whitbourne et al.	424	423	6/23/97
	A79	6,113,629	9/5/00	Ken	623	1.1	5/1/98
	A80	6,120,536	9/19/00	Ding et al.	623	1.43	6/13/96
	A81	6,120,904	9/19/00	Hostettler et al.	428	423.3	5/24/99
	A82	6,121,027	9/19/00	Clapper et al.	435	180	8/15/97
	A83	6,129,761	10/10/00	Hubbell	623	11	6/7/95
	A84	6,153,252	11/28/00	Hossainy et al.	427	2.3	4/19/99
	A85	6,165,212	12/26/00	Dereume et al.	623	1.13	6/28/99
	A86	6,203,551	3/20/01	Wu	606	108	10/4/99
	A87	6,206,915	3/27/01	Fagan et al.	623	1.42	9/29/98
	A88	6,231,600	5/15/01	Zhong	623	1.42	5/26/99
	A89	6,240,616	6/5/01	Yan	29	527.2	4/15/97
KS	A90	6,245,753	6/12/01	Byun et al.	514	56	4/27/99

KS	A91	6,251,136	6/26/01	Guruwaiya et al.	623	1.46	12/8/99
	A92	6,254,632	7/3/01	Wu et al.	623	1.15	9/28/00
	A93	6,258,121	7/10/01	Yang et al.	623	1.46	7/2/99
	A94	6,283,947	9/4/01	Mirzaee	604	264	7/13/99
	A95	6,283,949	9/4/01	Roorda	604	288.02	12/27/99
	A96	6,284,305	9/4/01	Ding et al.	427	2.28	5/18/00
	A97	6,287,628	9/11/01	Hossainy et al.	427	2.3	9/3/99
	A98	6,299,604	10/9/01	Ragheb et al.	604	265	8/20/99
	A99	6,306,176	10/23/01	Whitbourne	623	23.59	9/21/99
	A100	6,331,313	12/18/01	Wong et al.	424	427	10/22/99
	A101	6,335,029	1/1/02	Kamath et al.	424	423	12/3/98
	A102	6,346,110	2/12/02	Wu	606	108	1/3/01
	A103	6,358,556	3/19/02	Ding et al.	427	2.24	1/23/98
	A104	6,379,381	4/30/02	Hossainy et al.	623	1.42	9/3/99
	A105	6,395,326	5/28/02	Castro et al.	427	2.24	5/31/00
	A106	6,419,692	7/16/02	Yang et al.	623	1.15	2/3/99
	A107	6,451,373	9/17/02	Hossainy et al.	427	2.25	8/4/00
	A108	6,494,862	12/17/02	Ray et al.	604	96.01	12/30/99
	A109	6,503,556	1/7/03	Harish et al.	427	2.24	12/28/00
	A110	6,503,954	1/7/03	Bhat et al.	514	772.2	7/21/00
	A111	6,506,437	1/14/03	Harish et al.	427	2.25	10/17/00
	A112	6,527,801	3/4/03	Dutta	623	1.46	4/13/00
	A113	6,527,863	3/4/03	Pacetti et al.	118	500	6/29/01
	A114	6,540,776	4/1/03	Sanders Millare et al.	623	1.15	12/28/00
	A115	6,544,223	4/8/03	Kokish	604	103.01	1/5/01
	A116	6,544,543	4/8/03	Mandrusov et al.	424	422	12/27/00
	A117	6,544,582	4/8/03	Yoe	427	2.24	1/5/01
	A118	6,555,157	4/29/03	Hossainy	427	2.24	7/25/00
KS	A119	6,558,733	5/6/03	Hossainy et al.	427	2.24	10/26/00

KS	A120	6,565,659	5/20/03	Pacetti et al.	118	500	6/28/01
	A121	6,572,644	6/3/03	Moein	623	1.11	6/27/01
	A122	6,585,765	7/1/03	Hossainy et al.	623	1.45	6/29/00
	A123	6,585,926	7/1/03	Mirzaee	264	400	8/31/00
	A124	6,605,154	8/12/03	Villareal	118	500	5/31/01
KS	A125	6,641,611	11/4/2003	Jayaraman	623	1.42	11/26/01

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Publication	Name	Class	Subclass	Filing Date if Appropriate
KS	A126	2001/0018469	8/30/01	Chen et al.	523	121	12/28/00
	A127	2001/0037145	11/1/01	Guruwaiya et al.	623	1.15	6/21/01
	A128	2002/0077693	6/20/02	Barclay et al.	623	1.13	12/19/00
	A129	2002/0091433	7/11/02	Ding et al.	623	1.2	12/17/01
KS	A130	2003/0065377	4/3/03	Davila et al.	623	1.13	4/30/02

FOREIGN PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class	Subclass	Translation	
							Yes	No
KS	B1	EP 0 301 856	2/1/89	European				
	B2	EP 0 514 406	11/25/92	European				
	B3	EP 0 604 022	6/29/94	European				
	B4	EP 0 623 354	11/9/94	European				
	B5	EP 0 665 023	8/2/95	European				
	B6	EP 0 701 802	3/20/96	European				
	B7	EP 0 716 836	6/19/96	European				
	B8	EP 0 809 999	12/3/97	European				
	B9	EP 0 832 655	4/1/98	European				
	B10	EP 0 850 651	7/1/98	European				
	B11	EP 0 879 595	11/25/98	European				
	B12	EP 0 910 584	4/28/99	European				
	B13	EP 0 923 953	6/23/99	European				
	B14	EP 0 953 320	11/3/99	European				
	B15	EP 0 970 711	1/12/00	European				
	B16	EP 0 982 041	3/1/00	European				
KS	B17	EP 1 273 314	1/8/03	European				

KS	B18	2001-190687	7/17/01	Japan (Abstract)			X	
	B19	WO 91/12846	9/5/91	PCT				
	B20	WO 95/10989	4/27/95	PCT				
	B21	WO 96/40174	12/19/96	PCT				
	B22	WO 97/10011	3/20/97	PCT				
	B23	WO 97/45105	12/4/97	PCT				
	B24	WO 97/46590	12/11/97	PCT				
	B25	WO 98/17331	4/30/98	PCT				
	B26	WO 98/36784	8/27/98	PCT				
	B27	WO 99/01118	1/14/99	PCT				
	B28	WO 99/38546	8/5/99	PCT				
	B29	WO 99/63981	12/16/99	PCT				
	B30	WO 00/02599	1/20/00	PCT				
	B31	WO 00/12147	3/9/00	PCT				
	B32	WO 00/18446	4/6/00	PCT				
	B33	WO 00/64506	11/2/00	PCT				
	B34	WO 01/01890	1/11/01	PCT				
	B35	WO 01/15751	3/8/01	PCT				
	B36	WO 01/17577	3/15/01	PCT				
	B37	WO 01/45763	6/28/01	PCT				
	B38	WO 01/49338	7/12/01	PCT				
	B39	WO 01/74414	10/11/01	PCT				
	B40	WO 02/03890	1/17/02	PCT				
	B41	WO 02/026162	4/4/02	PCT				
	B42	WO 02/34311	5/2/02	PCT				
	B43	WO 02/056790	7/25/02	PCT				
	B44	WO 03/000308	1/3/03	PCT				
	B45	WO 03/022323	3/20/03	PCT				
	B46	WO 03/028780	4/10/03	PCT				
	B47	WO 03/037223	5/8/03	PCT				
KS	B48	WO 03/039612	5/15/03	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								

KS	C1	Anonymous, *Cardiologists Draw - Up The Dream Stent*, Clinica 710:15 (June 17, 1996), http://www.dialogweb.com/cgi/document?req=1061848202959, printed 8/25/03 (2 pages).
	C2	Anonymous, *Heparin-coated stents cut complications by 30%*, Clinica 732:17 (Nov. 18, 1996), http://www.dialogweb.com/cgi/document?req=1061847871753, printed 8/25/03 (2 pages).
	C3	Anonymous, *Rolling Therapeutic Agent Loading Device for Therapeutic Agent Delivery or Coated Stent* (Abstract 434009), Res. Disclos. pp. 974-975 (June 2000).
	C4	Anonymous, *Stenting continues to dominate cardiology*, Clinica 720:22 (Sept. 2, 1996), http://www.dialogweb.com/cgi/document?req=1061848017752, printed 8/25/03 (2 pages).
	C5	Aoyagi et al., *Preparation of cross-linked aliphatic polyester and application to thermo-responsive material*, Journal of Controlled Release 32:87-96 (1994).
	C6	Barath et al., *Low Dose of Antitumor Agents Prevents Smooth Muscle Cell Proliferation After Endothelial Injury*, JACC 13(2): 252A (Abstract) (Feb. 1989).
	C7	Barbucci et al., *Coating of commercially available materials with a new heparinizable material*, J. Biomed. Mater. Res. 25:1259-1274 (Oct. 1991).
	C8	Chung et al., *Inner core segment design for drug delivery control of thermo-responsive polymeric micelles*, Journal of Controlled Release 65:93-103 (2000).
	C9	Dev et al., *Kinetics of Drug Delivery to the Arterial Wall Via Polyurethane-Coated Removable Nitinol Stent: Comparative Study of Two Drugs*, Catheterization and Cardiovascular Diagnosis 34:272-278 (1995).
	C10	Dichek et al., *Seeding of Intravascular Stents with Genetically Engineered Endothelial Cells*, Circ. 80(5):1347-1353 (Nov. 1989).
	C11	Eigler et al., *Local Arterial Wall Drug Delivery from a Polymer Coated Removable Metallic Stent: Kinetics, Distribution, and Bioactivity of Forskolin*, JACC, 4A (701-1), Abstract (Feb. 1994).
	C12	Helmus, *Overview of Biomedical Materials*, MRS Bulletin, pp. 33-38 (Sept. 1991).
	C13	Herdeg et al., *Antiproliferative Stent Coatings: Taxol and Related Compounds*, Semin. Intervent. Cardiol. 3:197-199 (1998).
	C14	Inoue et al., *An AB block copolymer of oligo(methyl methacrylate) and poly(acrylic acid) for micellar delivery of hydrophobic drugs*, Journal of Controlled Release 51:221-229 (1998).
	C15	Kataoka et al., *Block copolymer micelles as vehicles for drug delivery*, Journal of Controlled Release 24:119-132 (1993).
	C16	Levy et al., *Strategies For Treating Arterial Restenosis Using Polymeric Controlled Release Implants*, Biotechnol. Bioact. Polym. [Proc. Am. Chem. Soc. Symp.], pp. 259-268 (1994).
	C17	Liu et al., *Drug release characteristics of unimolecular polymeric micelles*, Journal of Controlled Release 68:167-174 (2000).
	C18	Marconi et al., *Covalent bonding of heparin to a vinyl copolymer for biomedical applications*, Biomaterials 18(12):885-890 (1997).
	C19	Matsumaru et al., *Embolic Materials For Endovascular Treatment of Cerebral Lesions*, J. Biomater. Sci. Polymer Edn 8(7):555-569 (1997).
	C20	Miyazaki et al., *Antitumor Effect of Implanted Ethylene-Vinyl Alcohol Copolymer Matrices Containing Anticancer Agents on Ehrlich Ascites Carcinoma and P388 Leukemia in Mice*, Chem. Pharm. Bull. 33(6) 2490-2498 (1985).
	C21	Miyazawa et al., *Effects of Pemirolast and Tranilast on Intimal Thickening After Arterial Injury in the Rat*, J. Cardiovasc. Pharmacol., pp. 157-162 (1997).
	C22	Nakayama et al., *Surface Microarchitectural Design in Biomedical Applications: Preparation of Microporous Polymer Surfaces by an Excimer Laser Ablation Technique*, Journal of Biomedical Materials Research, Vol. 29, pp. 1295-1301 (1995).
KS	C23	Nordrehaug et al., *A novel biocompatible coating applied to coronary stents*, European Heart Journal 14, p. 321 (P1694), Abstr. Suppl. (1993).

KS	C24	Ohsawa et al., *Preventive Effects of an Antiallergic Drug, Pemirolast Potassium, on Restenosis After Percutaneous Transluminal Coronary Angioplasty*, American Heart Journal 136(6):1081-1087 (Dec. 1998).
	C25	Ozaki et al., *New Stent Technologies*, Progress in Cardiovascular Diseases, Vol. XXXIX(2):129-140 (Sept./Oct. 1996).
	C26	Pechar et al., *Poly(ethylene glycol) Multiblock Copolymer as a Carrier of Anti-Cancer Drug Doxorubicin*, Bioconjucate Chemistry 11(2):131-139 (Mar./Apr. 2000).
	C27	Peng et al., *Role of polymers in improving the results of stenting in coronary arteries*, Biomaterials 17:685-694 (1996).
	C28	Shigeno, *Prevention of Cerebrovascular Spasm By Bosentan, Novel Endothelin Receptor*, Chemical Abstract 125:212307 (1996).
	C29	van Beusekom et al., *Coronary stent coatings*, Coronary Artery Disease 5(7):590-596 (July 1994).
	C30	Wilensky et al., *Methods and Devices for Local Drug Delivery in Coronary and Peripheral Arteries*, Trends Cardiovasc. Med. 3(5):163-170 (1993).
KS	C31	Yokoyama et al., *Characterization of physical entrapment and chemical conjugation of adriamycin in polymeric micelles and their design for in vivo delivery to a solid tumor*, Journal of Controlled Release 50:79-92 (1998).

EXAMINER /Kathleen Sonnett/	DATE CONSIDERED 12/13/2006

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.